

Title (en)
METHOD FOR PRODUCING A PERMANENT PROTECTIVE LAYER ON PRECIOUS METAL SURFACES BY COATING WITH SOLUTIONS
BASED ON POLYSILAZANE

Title (de)
VERFAHREN ZUR ERZEUGUNG EINER PERMANENTEN SCHUTZSCHICHT AUF EDELMETALLOBERFLÄCHEN DURCH BESCHICHTEN MIT
LÖSUNGEN AUF POLYSILAZANBASIS

Title (fr)
PROCEDE POUR PRODUIRE UNE COUCHE PROTECTRICE PERMANENTE SUR DES SURFACES EN METAL PRECIEUX PAR ENDUCTION
AVEC DES SOLUTIONS A BASE DE POLYSILAZANE

Publication
EP 1874882 A1 20080109 (DE)

Application
EP 06700885 A 20060112

Priority
• EP 2006000213 W 20060112
• DE 102005003627 A 20050126

Abstract (en)
[origin: DE102005003627A1] Method for coating surfaces of noble metals, or their alloys, with a solution containing a polysilazane (I) of formula -
[SiH 2-NH-] n, where n produces a number average molecular weight 150-150000; solvent and catalyst. The new feature is that before coating with
(I), a silane-based, sulfur-containing primer (II) is applied to the surface to improve adhesion. An independent claim is included for a coating, on a
noble metal surface, prepared by the new method.

IPC 8 full level
C09D 183/16 (2006.01)

CPC (source: EP KR US)
B05D 7/14 (2013.01 - KR); **C09D 5/08** (2013.01 - KR); **C09D 183/16** (2013.01 - EP US)

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